

20010326.qrp v02\_n139.qrl.20010326

Date: Mon, 26 Mar 2001 19:03:11 EST

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 2139

QRP-L Digest 2139

Topics covered in this issue include:

- 1) [94946] Fists CW Event! You're Invited!  
by "K7FD N7SG" <cqdx@teleport.com>
- 2) [94947] Super Tee Schematic  
by "Bill Kelsey - N8ET - Kanga US" <kanga@bright.net>
- 3) [94948] PSK20 kit report  
by Robert McAtee <w5tnj@camalott.com>
- 4) [94949] This is a test ..... oh, I've always wanted to do  
this ..... :-)  
by Walter D Amos <walt\_amos@juno.com>
- 5) [94950] Still Lost in Lent  
by FrConrad@aol.com
- 6) [94951] Re: ZM-2  
by Jeff Chambers <k11@micron.net>
- 7) [94952] Re: X-ray machines...  
by PTSMANTUA@aol.com
- 8) [94953] ARCI HB Sprint  
by "AB0CD" <ab0cd@uswest.net>
- 9) [94954] Re: X-ray machines...  
by "AB0CD" <ab0cd@uswest.net>
- 10) [94955] Tucson, AZ QRP'ers?  
by Steve Yates - AA5TB <aa5tb@arrl.net>
- 11) [94956] QRP Sprint -- Got my toe wet  
by "Paul KB1GEJ" <cybrinjn@gis.net>
- 12) [94957] Re: Tucson, AZ QRP'ers?  
by "James Parsons" <res075cz@gte.net>
- 13) [94958] overheard during WPX today  
by Jeff Stai WK6I <jstai@home.com>
- 14) [94959] Re: ARCI HB Sprint  
by "Rod Cerkoney" <n0rc@hotmail.com>
- 15) [94960] Re: HB Sprint  
by "Mark Hogan" <mhogan@email.msn.com>
- 16) [94961] Re: Tucson, AZ QRP'ers?  
by Bob Nielsen <nielsen@oz.net>
- 17) [94962] Re: Tucson, AZ QRP'ers?  
by Bob Nielsen <nielsen@oz.net>
- 18) [94963] Y03/DL4AAZ on 14.007 @ 0447Z  
by david gauding <david.gauding@bbs.galilei.com>

- 19) [94964] warblers  
by "Mark Hogan" <mhogan@email.msn.com>
- 20) [94965] Re: Tucson, AZ QRP'ers?  
by Steve Yates - AA5TB <aa5tb@arrl.net>
- 21) [94966] NJ Spring Fling K0FRP  
by "al dawkins" <alk0frp@home.com>
- 22) [94967] QRP Sprint (Big signal honors)  
by Garie Halstead <k8kfj@ntelos.net>
- 23) [94968] Re: Questions about Homebrew  
by "Leon Heller" <leon\_heller@hotmail.com>
- 24) [94969] RE: [NJQRP] QRP sprint Sunday evening  
by "Brian B. Riley, N1BQ" <n1bq@wulfdn.org>
- 25) [94970] Spring Sprint  
by "John L. Sielke" <w2agn@pobox.com>
- 26) [94971] FS reduced 9020. vers4  
by paul taylor <ptay1@bestweb.net>
- 27) [94972] MOBILE ANTENNA QUESTION  
by DONALD DORN <DDORN@CWIS.NET>
- 28) [94973] Re: MOBILE ANTENNA QUESTION  
by "Karl F. Larsen" <k5di@zianet.com>
- 29) [94974] Sierra Problem  
by Joseph Mikuckis <k3chp@erols.com>
- 30) [94975] Re: Index Labs QRP+ Manual?  
by "K. Edwards" <n3eeg@hotmail.com>
- 31) [94976] Re: MOBILE ANTENNA QUESTION  
by Bruce Muscolino <w6toy@erols.com>
- 32) [94977] Re: [MH101] Crystal Matching [long]  
by Curt Milton <wb8yyy@yahoo.com>
- 33) [94978] Re: Homebrewing Cases??  
by "Bob Duckworth" <wb4mnf@atl.org>
- 34) [94979] F.S. Z11 tuner and MFJ coax switch  
by "Joe Trombino" <w2kj@earthlink.net>
- 35) [94980] Re: Symbolic QRPp  
by "Bob Duckworth" <wb4mnf@atl.org>
- 36) [94981] FS: Lectrokit Spider QRP rig , mic's and other stuff  
by "NZ8J" <timcook@erinet.com>
- 37) [94982] Re: Symbolic QRPp  
by "Mike Yetsko" <myetsko@insydesw.com>
- 38) [94983] NJQRP HB Sprint scoring question  
by "Rod Cerkoney" <n0rc@hotmail.com>
- 39) [94984] Contest Logging, one more time, with a twist  
by "Rod Cerkoney" <n0rc@hotmail.com>
- 40) [94985] Contesting Tip  
by "Rod Cerkoney" <n0rc@hotmail.com>
- 41) [94986] F/S IC 735/QRP+  
by "Francis Callahan" <colcal@srv.net>
- 42) [94987] OP:marine mobile QRP  
by "Richard Matthews" <prm@hiwaay.net>

- 43) [94988] Re: Questions about Homebrew  
by "Bob Duckworth" <wb4mnf@atl.org>
- 44) [94989] Looking For Rex Harper's Email Address  
by "Doug Hendricks" <ki6ds@dph.dpol.net>
- 45) [94990] Re: Contesting Tip  
by John Wagner <john@neknetwork.com>
- 46) [94991] Re: marker generator definition  
by Curt Milton <wb8yyy@yahoo.com>
- 47) [94992] Qrp 80m Frequences  
by ac5ez@webtv.net (Larry)
- 48) [94993] RE: Looking For Rex Harper's Email Address  
by "AI2Q Alex" <ai2q@adelphia.net>
- 49) [94994] HB: 602 - orders shipped  
by John Wagner <john@neknetwork.com>
- 50) [94995] Michigan QRP Net  
by ed.kwik@delphiauto.com
- 51) [94996] Re: [Elecraft] Contesting Tip  
by Jeff Stai WK6I <jstai@home.com>
- 52) [94997] FS/Trade: MFJ9406  
by "John Pate" <lighthousedx@hotmail.com>
- 53) [94998] QRP-NE Meeting  
by "William B. Keane" <bkeane@mail1.nai.net>
- 54) [94999] Contest: Spring Homebrew Sprint - K7RE  
by Brian Kassel <bkassel@dancris.com>
- 55) [95000] Some Regen Pics  
by "Brad Hernlem" <alihernlem@hotmail.com>
- 56) [95001] Golf cart mobile / PW-1 antenna  
by "Patrick McVey" <mcveyp.MOHAVE@narbha.com>
- 57) [95002] New Elecraft K1 QSK Application Note  
by Eric Swartz WA6HHQ - Elecraft <eric@elecraft.com>
- 58) [95003] Re: Qrp 80m Frequences  
by William R Colbert <w5xe@juno.com>
- 59) [95004] Re: Starting my K1 tomorrow!  
by Eric Swartz WA6HHQ - Elecraft <eric@elecraft.com>
- 60) [95005] Re: "Optimum" Buried Radial Length (long)  
by Bill Coleman <aa4lr@arrl.net>
- 61) [95006] LDG Z11 tuner  
by "Joe Trombino" <w2kj@earthlink.net>
- 62) [95007] Re: Contesting Tip  
by "Mark S. Adams, P.E." <msadams@acsu.buffalo.edu>
- 63) [95008] WPX SSB  
by "Floyd Smithberg" <flydnq7x@primenet.com>
- 64) [95009] MFJ coax antenna switch  
by "Joe Trombino" <w2kj@earthlink.net>
- 65) [95010] wanted any firms  
by Oleg Borodin <Oleg.Borodin@p11.f35.n5036.z2.fidonet.org>
- 66) [95011] Re: NJQRP HB Sprint scoring question  
by Ken Newman <N2CQ@citnet.com>

- 67) [95012] Milliwatt DXCC quest #73 is here  
by "Jim" <sunwatt@starband.net>
- 68) [95013] OT: Learning DSP  
by <schoon@amgt.com>
- 69) [95014] Gound mounted Vert. question  
by Drbob92031@aol.com
- 70) [95015] Re: FS/FT: Famous HRO Dial  
by K5BDZ@aol.com
- 71) [95016] Re: scratch-built SST-40 problem  
by neil <wa4chq@qsl.net>
- 72) [95017] Re: X-ray machines...  
by muglesto@ecentral.com
- 73) [95018] airport xrays  
by "Stuart Rohre" <rohre@arlut.utexas.edu>
- 74) [95019] WTB ZM-2/ sunspot fux number 264!  
by "Kelly Ellison" <kelman@dialnet.net>
- 75) [95020] Defective airport scanners very common  
by "Stuart Rohre" <rohre@arlut.utexas.edu>

-----  
Date: Sat, 24 Mar 2001 17:36:51 -0800  
From: "K7FD N7SG" <cqdx@teleport.com>  
To: "QRP-L" <qrp-l@Lehigh.EDU>  
Subject: [94946] Fists CW Event! You're Invited!  
Message-ID: <002f01c0b4cc\$143f6180\$52231ad8@N7SG>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="Windows-1252"  
Content-Transfer-Encoding: 7bit

QRP'ers! The FISTS Club has a fun event scheduled for Saturday evening April 14th through Sunday April 15th called "COAST TO COAST 2001 - FISTS Clubs QSO Party". This is a 24 hour CW event letting all interested parties contact FISTS affiliated clubs in the USA. With the number of Fists members in the thousands and over 20 clubs signed up to participate, there should be plenty of action!

With no pun intended, this is a 'low-key' event; you need not be a speed demon on cw nor a FISTS member to participate to qualify for beautiful certificates.

Rules/Awards/Official Website for the Coast to Coast event is:  
[http://www.foreign-interests.com/k7fff/FNW\\_C2C01.html](http://www.foreign-interests.com/k7fff/FNW_C2C01.html)

Since our local qrp club call K7Low is an official FISTS CLUB "club" with FISTS number 7825,  
you can count on hearing our local members giving out quite a few q's. In

fact, we are serving pizza Saturday night at the 'clubhouse' so we expect a BIG turnout...hi!

Ok, so there you have it. An invitation to join in the fun next month - So finish up those tax returns and mark your calendar for Saturday/Sunday April 14 and 15th.

73 John K7FD, op at K7Low QRPacific QRP Club, FISTS 7825

-----  
Date: Sun, 25 Mar 2001 19:35:19 -5  
From: "Bill Kelsey - N8ET - Kanga US" <kanga@bright.net>  
To: "Larry Przyborowski" <k3peg@yahoo.com>  
Cc: qrp-1@lehigh.edu  
Subject: [94947] Super Tee Schematic  
Message-ID: <20010326003153.TOND492.invictus@n8et>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT

Larry -

I scanned in a schematic of the Super Tee, and it is at:

[http://www.bright.net/~kanga/kanga/super\\_tee\\_schem.htm](http://www.bright.net/~kanga/kanga/super_tee_schem.htm)

The schematic came thru ok, but some of the printing is a bit hard to read. If you have any questions, drop me an e-mail.

73 - Bill - N8ET  
Kanga US  
kanga@mail.bright.net  
<http://www.bright.net/~kanga/>  
419-423-4604

-----  
Date: Sun, 25 Mar 2001 19:46:01 -0600  
From: Robert McAtee <w5tnj@camalott.com>  
To: qrp-1@Lehigh.EDU  
Subject: [94948] PSK20 kit report  
Message-ID: <3.0.3.32.20010325194601.007bbcf0@pop3.norton.antivirus>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

I made my first contact tonight using Dave Brensons' PSK20 kit. Using a RS lead acid battery and a sloppy dipole on 20M, KE5RV of Marion, AR came back to my CQ. About knocked me out of my chair!! Many thanks Dave. The PSK20 kit goes together nicely with clear documentation. I did have a broken toroid core that was soon replaced. The Audio out to the sound card is, to me, very weak. I bypassed the attenuator and then it was too strong, come figure. Anyway I did a fix around that and ready to box it up. Now on to the New Jersey PSK80 kit. I hope it goes together as easily.

==Mac== AG5F, Abilene, TX. W5TNJ@CAMALOTT.COM

-----  
Date: Mon, 26 Mar 2001 01:16:45 GMT  
From: Walter D Amos <walt\_amos@juno.com>  
To: qrp-1@lehigh.edu  
Subject: [94949] This is a test ..... oh, I've always wanted to do this ..... :-)  
Message-ID: <20010326.011654.-222979.4.walt\_amos@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Did this get through? It is in HTML I think and this new JUNO 5 seems to only send this JUNK !!

Now if it did, don't all you reply to me and mail bomb me ..... :-)

Oh, no MR. BILL ..... :-((

Walt K8CV

-----  
GET INTERNET ACCESS FROM JUNO!  
Juno offers FREE or PREMIUM Internet access for less!  
Join Juno today! For your FREE software, visit:  
<http://dl.www.juno.com/get/tagj>.

-----  
Date: Sun, 25 Mar 2001 21:41:04 EST  
From: FrConrad@aol.com  
To: qrp-1@lehigh.edu  
Subject: [94950] Still Lost in Lent  
Message-ID: <8.1222251c.27f00640@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

To whom...

I am still trying to get my subscription to QRP-L back on track. I have sent every possible command to "listserve" with no results. I have mailed all the "manager" links shown on the web page with similar success. If you (out there) are reading this, I can still post, but I cannot receive the list.

Please email any suggestions direct to the above address.

Many thanks,

John+

-----  
Date: Sun, 25 Mar 2001 19:50:36 -0700  
From: Jeff Chambers <k11@micron.net>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [94951] Re: ZM-2  
Message-ID: <3ABEAE7C.5A94B81E@micron.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Nico-

Try the ZM-2 Troubleshooting guide on the EMTECH web page.

[http://www.emtech.steadynet.com/forum/bforum.mv?  
module=view&viewid=59&mode=all&row=101&username=&password=](http://www.emtech.steadynet.com/forum/bforum.mv?module=view&viewid=59&mode=all&row=101&username=&password=)

If that doesn't solve your problem, Scott and Charity were great to work with when I built my ZM-2 and NW-20.

73,  
Jeff - KK7MQ

-----  
Date: Sun, 25 Mar 2001 21:51:15 EST  
From: PTSMANTUA@aol.com  
To: psdryer@ticnet.com, qrp-l@lehigh.edu  
Subject: [94952] Re: X-ray machines...  
Message-ID: <4a.13586941.27f008a3@aol.com>  
MIME-Version: 1.0

Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Traveled to France , Operated with CEPT privildges, and got scanned in US and France multiple times, no problem

de Phil

KF8JW

-----  
Date: Sun, 25 Mar 2001 19:38:38 -0700  
From: "AB0CD" <ab0cd@uswest.net>  
To: "cqclist" <CQCLIST@EGROUPS.COM>, " QRP-L" <qrp-l@Lehigh.edu>  
Subject: [94953] ARCI HB Sprint  
Message-ID: <000701c0b59d\$dd2bc4e0\$ba85a0d8@dnvr.uswest.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Had to split early, but the ARCI HB Sprint was fun. Cranked up the Oak Hills Research WM-1 wattmeter and cranked down the Oak Hills Research 500 to 250 mW and managed to work K7RE/AZ, K5ZTY/TX, W0PWE/IA, AK7Y/AZ, W8BD/OH, N9NE/WI and WU0L/CO on 20m, and WQ2RP/NJ, K0FRP/CO, K5ZTY/TX, AK7Y/AZ and WU0L/CO on 40m with the Gap Titan on the back fence in Denver.

Thanks to those who stuck there to pull in all the exchange info, especially WQ2RP, who really got a workout with my milliwatt signal.

72 Dick AB0CD..

-----  
Date: Sun, 25 Mar 2001 20:04:25 -0700  
From: "AB0CD" <ab0cd@uswest.net>  
To: psdryer@ticnet.com, " Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [94954] Re: X-ray machines...  
Message-ID: <006301c0b5a1\$76f1e3e0\$ba85a0d8@dnvr.uswest.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit



Paul:

I travel a lot with QRP gear. Never had a problem.

72 Dick AB0CD..

----- Original Message -----

From: "Paul Dryer" <psdryer@ticnet.com>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Sunday, March 25, 2001 6:37 AM

Subject: X-ray machines...

> Anyone out there know of the effects of airport baggage scanners on  
> radio gear?  
> I've never heard it discussed before and was curious about possible  
> damage.  
> Something I've taken for granted as harmless in past travels.  
>  
> Also, I'll be operating out of a hotel room in Eminence, Ky on April 6th  
> and 7th,  
> 1 watt, indoor 1/2 wave wire, at 8:00 to 10:30 pm local, on 14,060.  
> Paul Dryer, KD5IVP, DeSoto, Tx  
>  
>

-----  
Date: Sun, 25 Mar 2001 21:44:26 -0600  
From: Steve Yates - AA5TB <aa5tb@arrl.net>  
To: QRP-L Distribute <qrp-l@Lehigh.EDU>  
Subject: [94955] Tucson, AZ QRP'ers?  
Message-ID: <002d01c0b5a7\$0ee61720\$7d703ed8@aa5tb>  
MIME-version: 1.0  
Content-type: text/plain; charset="iso-8859-1"  
Content-transfer-encoding: 7bit

I have an opportunity to take employment in Tucson, Arizona but my decision hinges on whether there is much QRP activity there or not (not really). I was just wondering if anyone on the list is from Tucson and if they could tell me a little about radio activity there and maybe answer a few other related questions?

Please reply direct.

I had posted about a week ago regarding this but for some reason several of my posts recently to QRP-L have never made it.

73,  
Steve Yates - AA5TB  
Fort Worth, TX - EM12gs  
aa5tb@arrl.net  
<http://www.geocities.com/aa5tb>

-----  
Date: Sun, 25 Mar 2001 23:02:03 -0500  
From: "Paul KB1GEJ" <cybrinjn@gis.net>  
To: <qrp-1@Lehigh.EDU>  
Subject: [94956] QRP Sprint -- Got my toe wet  
Message-ID: <001b01c0b5a9\$84c55800\$dd3029d8@cybrinjn>  
MIME-Version: 1.0  
Content-Type: text/plain;  
    charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

So I'm a new ham as of Jan. 22. Got my general first try. Code kinda shaky, so I been hangin around in the novice part of 40. Well, tonite, I decided to give this contest thing a little try. some firsts:

- First time ever calling a tester.
- First time using a keyer on the air.
- first time using my homebrew single paddle key on the air (ugly but works)

Only made a few contacts with my Ramsey Kit running 700 mw on 40, but really, I'm amazed I get out of the backyard with this dipole at 27 feet. Geez, I wonder what I could do with 5w? (and improved cw skills...) Gonna build the "NB6M Miniboosts" amplifier soon. And a 20m rig. And an antenna tuner. and....

Paul KB1GEJ

-----  
Date: Sun, 25 Mar 2001 21:56:05 -0600  
From: "James Parsons" <res075cz@gte.net>  
To: <aa5tb@arrl.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [94957] Re: Tucson, AZ QRP'ers?  
Message-ID: <016201c0b5a8\$aed67f80\$7c640304@vz.dsl.genuity.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
    charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Leave Texas? No state income tax and all the rattlesnakes you can eat for free? How could you ??

73 de Jim, K5ROV...

James (Jim) Parsons, K5ROV, CMSgt, USAF, Ret., Ham for 60 yrs.  
k5rov@arrl.net, QCWA, ARCI, Fists, ARRL, ARMS.  
EX: W1RLA, K5FBB, K4FEO, SVOWN (CRETE), SVOWN (RHODES),  
DL4NC, DL4JP, KA2FC (JAPAN), KA2JP (JAPAN).  
JOHN 3:16

----- Original Message -----

From: "Steve Yates - AA5TB" <aa5tb@arrl.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Sent: Sunday, March 25, 2001 21:44 PM  
Subject: Tucson, AZ QRP'ers?

> I have an opportunity to take employment in Tucson, Arizona but my  
decision  
> hinges on whether there is much QRP activity there or not (not really). I  
> was just wondering if anyone on the list is from Tucson and if they could  
> tell me a little about radio activity there and maybe answer a few other  
> related questions?  
>  
> Please reply direct.  
>  
> I had posted about a week ago regarding this but for some reason several  
of  
> my posts recently to QRP-L have never made it.  
>  
> 73,  
> Steve Yates - AA5TB  
> Fort Worth, TX - EM12gs  
> aa5tb@arrl.net  
> <http://www.geocities.com/aa5tb>  
>

-----  
Date: Sun, 25 Mar 2001 20:02:11 -0800  
From: Jeff Stai WK6I <jstai@home.com>  
To: "qrp-l@Lehigh.EDU" <qrp-l@Lehigh.EDU>  
Subject: [94958] overheard during WPX today  
Message-ID: <3ABEBF43.F01329F8@home.com>

MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

"There's too much QRP and splatter on this frequency!"

I guess we'd better tone it down some more...;-)

- jeff wk6i

--

jeff stai  
radio stuff: WK6I in DM13  
rocket stuff: NAR #21059 TRA #3356 Level 2 Cert.  
email: jstai@home.com or wk6i@arrl.net  
ROC web page: <http://www.rocstock.org/>  
LDRS web page: <http://www.ldr20.org/>

-----

Date: Sun, 25 Mar 2001 21:23:04 -0700  
From: "Rod Cerkoney" <n0rc@hotmail.com>  
To: ab0cd@uswest.net, qrp-l@Lehigh.EDU  
Subject: [94959] Re: ARCI HB Sprint  
Message-ID: <F269AyHsjCGvseE4D3M00009036@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

Dick,

This wasn't the ARCI HB Sprint. This sprint was sponsored by NJQRP Club.

73, Rod N0RC  
Fort Collins, CO

>From: "AB0CD" <ab0cd@uswest.net>  
>Reply-To: ab0cd@uswest.net  
>To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
>Subject: ARCI HB Sprint  
>Date: Sun, 25 Mar 2001 19:38:38 -0700  
>  
>Had to split early, but the ARCI HB Sprint was fun. Cranked up the Oak  
>Hills

-----  
Get your FREE download of MSN Explorer at <http://explorer.msn.com>

-----  
Date: Sun, 25 Mar 2001 22:39:55 -0600  
From: "Mark Hogan" <mhogan@email.msn.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [94960] Re: HB Sprint  
Message-ID: <002601c0b5ae\$cfb05270\$7d111b3f@cityweb.gov>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I worked PSK only with my warbler at 1 watt...

Well the log showed 11 stations worked...farthest was VT...all this on my warbler at 1 watt.

One of you contest types will have to check the score...but I think it is as follows. If not I will be justly slammed by someone :)

I had a BLAST, lets do it again! Met some nice people and had fun. Figured out later how to put notes in the log and used my rx copy to add the watts to the early stations.

Thanks to all who heard my pipsqueak.

See ya

de N50BC / Mark Hogan

11 contacts = 55 points  
10 spc multi = 550?  
10 pwr multi = 5500 points ?

26-Mar-2001 02:01:31	3582.000 BPSK	W4JHR	569 559	GA
2 watts				
26-Mar-2001 02:05:56	3582.000 BPSK	W0SDG	599 599	MN
3 Watts				
26-Mar-2001 02:12:40	3582.000 BPSK	NS8R	579 579	Warren
OHIO 2 watts				
26-Mar-2001 02:24:22	3582.000 BPSK	KR4IP	599 599	Keith
Covington Georgia 3 watts				
26-Mar-2001 02:37:07	3582.000 BPSK	N1BQ	569 559	Brian VT
3w				
26-Mar-2001 02:49:35	3582.000 BPSK	N2USN	559 557	Dennis
Sloansville, NY 15 watts				
26-Mar-2001 03:00:55	3582.000 BPSK	W0PWE	599 599	Jerry IA
pwr 900mw				
26-Mar-2001 03:11:57	3582.000 BPSK	AE5K	599 569	Don AR
2w				

26-Mar-2001 03:17:33	3582.000	BPSK	N9MZP	599 589	Walt
Geneseo, IL	3 watt				
26-Mar-2001 03:22:36	3582.000	BPSK	KC0IKY	599 599	Gene
Pittsburg, Kansas	2 watts				
26-Mar-2001 03:57:29	3582.000	BPSK	N0FGA	599 559	Rich
Canon City, CO	20 watts				

-----  
Date: Sun, 25 Mar 2001 20:44:18 -0800  
From: Bob Nielsen <nielsen@oz.net>  
To: Steve Yates - AA5TB <aa5tb@arrl.net>  
Cc: qrp-l@lehigh.edu  
Subject: [94961] Re: Tucson, AZ QRP'ers?  
Message-ID: <20010325204418.A2617@oz.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Disposition: inline

On Sun, Mar 25, 2001 at 09:44:26PM -0600, Steve Yates - AA5TB wrote:  
> I have an opportunity to take employment in Tucson, Arizona but my decision  
> hinges on whether there is much QRP activity there or not (not really). I  
> was just wondering if anyone on the list is from Tucson and if they could  
> tell me a little about radio activity there and maybe answer a few other  
> related questions?  
>  
> Please reply direct.  
>  
> I had posted about a week ago regarding this but for some reason several of  
> my posts recently to QRP-L have never made it.

Hi Steve,

I lived in Tucson for 16 years (until last May) and can probably answer your questions. There are several ham clubs in Tucson and an active QRP club, the AZ SQRPIons, which meets in Phoenix (a 90 minute drive, but the meeting place is next door to HRO, so you can kill two birds with one stone!) There is a small ham store in Tucson (PACE Engineering) as well as a couple of fairly good parts stores are in the area.

72, Bob

--

Bob Nielsen, N7XY  
Bainbridge Island, WA

nielsen@oz.net  
<http://www.oz.net/~nielsen>

IOTA NA-065, USI WA-028S

-----  
Date: Sun, 25 Mar 2001 20:46:16 -0800  
From: Bob Nielsen <nielsen@oz.net>  
To: qrp-l@lehigh.edu  
Subject: [94962] Re: Tucson, AZ QRP'ers?  
Message-ID: <20010325204615.B2617@oz.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Disposition: inline

On Sun, Mar 25, 2001 at 09:56:05PM -0600, James Parsons wrote:  
> Leave Texas? No state income tax and all the rattlesnakes you can eat for  
> free? How could you ??

Never fear, Tucson has an adequate supply of rattlesnakes with some  
tasty scorpions and gila monsters as well.

72, Bob

--  
Bob Nielsen, N7XY  
Bainbridge Island, WA  
IOTA NA-065, USI WA-028S  
nielsen@oz.net  
<http://www.oz.net/~nielsen>

-----  
Date: Sun, 25 Mar 2001 22:43:43 -0600  
From: david gauding <david.gauding@bbs.galilei.com>  
To: qrp-l@lehigh.edu  
Subject: [94963] Y03/DL4AAZ on 14.007 @ 0447Z  
Message-ID: <5.0.2.1.0.20010325224106.02456c90@bbs.galilei.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

Y03/DL4AAZ on 14.007 @ 0447Z

Very strong into Midwest with 400W and 3 elements.

Using Argo 515 and 2 watts to St. Louis Quickie.

Good luck,

de Dave, NF0R      nf0r@slacc.com

-----  
Date: Sun, 25 Mar 2001 23:02:29 -0600  
From: "Mark Hogan" <mhogan@email.msn.com>  
To: <njqrp@njqrp.org>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [94964] warblers  
Message-ID: <008101c0b5b1\$f62a9ac0\$7d111b3f@cityweb.gov>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Well 200 mile radius..huh!

I worked 1335 mpw to VT, and 1228 MPW to NY tonight in the sprint. We need more warblers on the air.

These things are great fun, and talk a long ways. So far I've got 12 states, and I've only operated a handfull of hours all total. Just thought some of you on the edge might need a nudge...

Have fun see ya'all later  
Mark Hogan / N50BC

-----  
Date: Sun, 25 Mar 2001 22:58:39 -0600  
From: Steve Yates - AA5TB <aa5tb@arrl.net>  
To: qrp-1@Lehigh.EDU  
Subject: [94965] Re: Tucson, AZ QRP'ers?  
Message-ID: <005401c0b5b1\$6d1c8b80\$7d703ed8@aa5tb>  
MIME-version: 1.0  
Content-type: text/plain; charset="iso-8859-1"  
Content-transfer-encoding: 7bit

That's exactly one my good side says and my family would probably disown me as a traitor :-). But then there is that "carrot" dangling from a cactus in Tucson.

"Leave Texas? No state income tax and all the rattlesnakes you can eat for free? How could you ??

73 de Jim, K5ROV..."



73,  
Steve Yates - AA5TB  
Fort Worth, TX - EM12gs  
aa5tb@arrl.net  
<http://www.geocities.com/aa5tb>

-----  
Date: Sat, 5 Jan 1980 22:36:04 -0700  
From: "al dawkins" <alk0frp@home.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [94966] NJ Spring Fling K0FRP  
Message-ID: <006a01a8ebbc\$a917b3c0\$0300a8c0@home>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Good Sprint guys  
80m 3 q's  
40m 50 q's  
20m 58 Q's  
15m 2 q's got there too late  
446 Qso points used the Sierra at 1w on 20/40m  
The TS-850 on 80/15m at 1w  
SPC's 80m 3, 40m 29, 20m 31 (Germany and Barbados) called  
15m 2.  
looks like about 289,900 points  
No PSK31, I did not bring home my laptop from work.  
Have a TV card in my shack computer so had to watch the OSCAR awards while  
operating the Sprint.  
Multi-tasking  
QRPP guys amazed Lots of 1,2,3 watters But MWers  
20m  
W9FNB 200mw  
N7CEE 900mw  
K2QO 900mw  
WD3P 500mw  
40m  
W0PNE 900mw  
Winner lowest power  
VE3SMA 150 MW on 40m 1200 to 1500 miles not bad  
AB0CD 250mw all the way across town  
A1 K0FRP

-----  
Date: Mon, 26 Mar 2001 06:12:00 +0000  
From: Garie Halstead <k8kfj@ntelos.net>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [94967] QRP Sprint (Big signal honors)  
Message-ID: <3ABE9760.4D9DE20D@ntelos.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Your results may differ, but the big dogs here at my QTH tonight were...

5w category - K5ZTY (TX) 20m awesome signal

QRPP category - W9JOP/4 (VA) 40M 350mw booming in

There were many very good signals too numerous to mention but the two above individuals took the prize here (that is, if there were a prize). I decided a lump of WV coal would hardly be desirable. HI

Kudos to the NJ QRP Club for an outstanding event. Having never done one, I was amazed at the activity level.

72 //Gary \*K8KFJ\*  
West Virginia

-----  
Date: Mon, 26 Mar 2001 08:00:36  
From: "Leon Heller" <leon\_heller@hotmail.com>  
To: tdufres@hotmail.com, qrp-l@Lehigh.EDU  
Subject: [94968] Re: Questions about Homebrew  
Message-ID: <F37hG0D6gx3lKy8VBDU000111ec@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

>  
>Couple of questions about some older QRP homebrew projects. What does it  
>mean when they ask for a "238pF nominal" variable cap-does it mean at the  
>lowest, it should be 238pF?

I think they have calculated the max. value of the cap., and it comes out at 238 pF exactly. You will need to find something close, and add parallel/series caps to get the correct tuning range.

>Also, what is a FL1? Is it some kind of shorthand for a filter?  
>Looked in ARRL manual with no help for above questions....

FL1 is just the component ID on the schematic, like C1 or R2 - the first/only filter in the circuit.

>Is a center tap always 1/2 the value of the transformer? If I am building a  
>transformer for a small tube powered rig, I need 250 volts DC. Do I need to  
>look for a transformer with 500+ volts output?

It depends on the rectifier configuration. With a full-wave rectifier and a smoothing capacitor I think the DC output voltage will be the AC voltage times 1.414. This should be in the handbook.

73, Leon

--

Leon Heller, G1HSM Tel: (work): +44 1327 357824 (home): +44 1327 359058  
Email:leon\_heller@hotmail.com My web page:  
[http://www.geocities.com/leon\\_heller](http://www.geocities.com/leon_heller) IRISYS Ltd: <http://www.irisys.co.uk>

---

Get Your Private, Free E-mail from MSN Hotmail at <http://www.hotmail.com>.

-----  
Date: Sun, 25 Mar 2001 23:27:58 -0500  
From: "Brian B. Riley, N1BQ" <n1bq@wulfdan.org>  
To: <njqrp@njqrp.org>, "QRP-L" <qrp-l@Lehigh.EDU>  
Subject: [94969] RE: [NJQRP] QRP sprint Sunday evening  
Message-ID: <LPBBJAGIPFHKPJENAKL00EJDECAA.n1bq@wulfdan.org>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Well, its over. I never have worked a contest on PSK before and it took some getting used to; but I stayed with my Warbler for all four hours.

The score looks kind of meager, but for what it is worth I seem to have

90 QSO points - 18 contacts at 5 points each  
12 SPCs  
7x power multiplier

$90 \times 12 \times 7 =$  gives me a rough score of 7560 points ...

My best DX was N50BC in Oklahoma from NW Vermont. After that I had IL and MN. I kept getting snatches of KB7RNV in ID and wanted him so bad I had baked potatoes on my brain, but, alas, it was not to be. And my poor K-1 sat there feeling snubbed ... sigh! I did get to QSO with N2CX, W2AGN, NU3E, and N2APB.

Once again, I will take my hat off to the Warbler development team ... very impressive!

72 de brian, n1bq

> -----Original Message-----

> From: George Heron N2APB

> Sent: Saturday, March 24, 2001 17:28 PM

> Just a quick reminder about the "Spring QRP Homebrewer  
> Sprint" being held tomorrow evening (Sunday). This is for  
> CW and PSK31 modes, so use your keyers or use your  
> Warbler/PSK-20/PSK-40 ... whatever!

-----  
Date: Mon, 26 Mar 2001 08:06:39 -0500 (EST)  
From: "John L. Sielke" <w2agn@pobox.com>  
To: qrp-l@lehigh.edu, njqrp@njqrp.org  
Subject: [94970] Spring Sprint  
Message-ID: <XFMail.010326080639.w2agn@pobox.com>  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
MIME-Version: 1.0

This one is a keeper! Even though it kept me up past my bedtime, had a blast.

74 Q's X 51 SPC's Qrpdupe says score 105,672.

Wish there had been more PSK31. I kept checking 20 in first 2 hours, but no contest PSKers heard. Worked 5 with Warbler on 80M.

I was REAALLY amazed at some of the Mw signals. I forget his call right now, but there was a VE3 I worked who was running 150 Mw, and was perfect copy. (CW, of course). Another W9 in Virginia was running QSO's with 350 mw, and holding the frequency! I guess I am going to try that next time.

Question: Is there a prize for guessing how many people will send their logs to QRPARCI by mistake?

John W2AGN

-----  
Date: Mon, 26 Mar 2001 08:05:53 -0800  
From: paul taylor <ptay1@bestweb.net>  
To: qrp-l@LEHIGH.edu  
Subject: [94971] FS reduced 9020. vers4  
Message-ID: <3.0.32.20010326080553.00697c50@pop.bestweb.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Reduced for clearance. \$65.00  
ps reply off list  
tnx  
wb2gin

-----  
Date: Mon, 26 Mar 2001 07:25:36 -0600  
From: DONALD DORN <DDORN@CWIS.NET>  
To: Low Power Amateur Radio Discussion <QRP-L@LEHIGH.EDU>  
Subject: [94972] MOBILE ANTENNA QUESTION  
Message-ID: <3ABF4350.6B174146@CWIS.NET>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Here is something that my pea sized brain has been wondering about. If a mobile antenna is used for portable operation with the vehicle parked, such as in one of the qrp field contests, would the antenna be more effective if a few radials were used strung out from the vehicle body? All the metal of the vehicle would probably make it impossible to tune the radials I suppose. Has anybody tried this?

Don K5AAR  
Lake Eufaula, Ok

-----  
Date: Mon, 26 Mar 2001 06:43:28 -0700 (MST)  
From: "Karl F. Larsen" <k5di@zianet.com>  
To: DONALD DORN <DDORN@CWIS.NET>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [94973] Re: MOBILE ANTENNA QUESTION  
Message-ID: <Pine.LNX.4.31.0103260637280.863-1000000@cannac.ampr.org>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

I think your car should be a pretty good ground for a vertical at 40 meters and up. On 80 meters I think the car makes a poor ground, this because the feed-point impedance at resonance raises above what you get at higher frequencies.

So I have a wire antenna and a 20 foot mast I carry in my trailer that is cut for 80 meters and fed with 450 ohm open wire line. It seems to work very well on 80 thru 10 meters. Not high but in NM the water table is way down!

On Mon, 26 Mar 2001, DONALD DORN wrote:

> Here is something that my pea sized brain has been wondering about. If a  
> mobile antenna is used for portable operation with the vehicle parked,  
> such as in one of the qrp field contests, would the antenna be more  
> effective if a few radials were used strung out from the vehicle body?  
> All the metal of the vehicle would probably make it impossible to tune  
> the radials I suppose. Has anybody tried this?  
>  
> Don K5AAR  
> Lake Eufaula, Ok  
>  
>

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

-----  
Date: Mon, 26 Mar 2001 08:18:01 -0500  
From: Joseph Mikuckis <k3chp@erols.com>  
To: qrp-l@lehigh.edu

Subject: [94974] Sierra Problem  
Message-ID: <3ABF4189.54D9@erols.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

After several years of use I noticed that my Sierra power output was quite low on all bands. So I decided to realign the plug-in band modules. During the realignment I was able to bring the power output back in the 1.5- to 2.8-watt range without any problems - except for the 40-meter module. The transmitter trimmers peaked OK but all I could get was about 300 milliwatts. Had no problems with crystal and PMO alignment. Hint: if I turned the dial to the high end of the band, the maximum power output increased to 550 milliwatts. The transmitter output load was a 50-ohm Bird dummy load. Any ideas? Thank you.

Joe Mikuckis, K3CHP  
Riverdale, MD

-----  
Date: Mon, 26 Mar 2001 13:48:17 -0000  
From: "K. Edwards" <n3eeg@hotmail.com>  
To: qrp-l@Lehigh.EDU  
Subject: [94975] Re: Index Labs QRP+ Manual?  
Message-ID: <F99GLoU2gOHpM2yqOX900007e71@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

Thanks to all- through the generosity of this list, I have located one. I hope to be able to scan it and convert to a pdf file, to be made available on a web site.  
72...Ken

-----  
Get your FREE download of MSN Explorer at <http://explorer.msn.com>

-----  
Date: Mon, 26 Mar 2001 08:52:18 -0500  
From: Bruce Muscolino <w6toy@erols.com>  
To: DDORN@CWIS.NET  
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [94976] Re: MOBILE ANTENNA QUESTION  
Message-ID: <3ABF4992.323D5312@erols.com>  
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Don,

Well almost any ground dependent antenna can be improved by improving its grounding system. It really depends on what bands/bands you are operating on. I used to own a VW bus. I had a mobile antenna mounted on the fiberglass luggage carrier above the cab. The bus only had steel up there over the cab. The rest of the vehicle was fiberglass for the pop up top! I ran a single wire radial from the base of my antenna back along the interior of the vehicle. I definitely improved all bands!

In your case, if I was using 20 meters and up I would not worry. If you are using the lower bands I might try running a couple of radials from the base of the antenna. There will be some detuning so I wouldn't worry about length other than to make them 40 or 50 feet long each.

Only on the air testing will tell.

73

-----  
Date: Mon, 26 Mar 2001 05:59:34 -0800 (PST)  
From: Curt Milton <wb8yyy@yahoo.com>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [94977] Re: [MH101] Crystal Matching [long]  
Message-ID: <20010326135934.59927.qmail@web9602.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

Chuck,

thanks for the nice post - i have save a copy in my archives.

I just wanted to post this brief note to encourage folk with not a lot of test equipment to still experiment with matching crystals. the technique i used, while not of utmost accuracy, still gives reasonable results and only requires a receiver and a simple oscillator.

what i did was to build a one transistor xtal oscillator (i can't remember which type - but if you e-mail me i will let you know) and leave out the xtal - putting a pair of alligator clips in its place for



measuring the available crystals.

tune your receiver to the xtal frequency, listening for the CW note. don't touch the dial because you won't be able to tune the for the resonance accurate enough unless you have a 100 Hz filter in your rig. what i did was to select a set of crystals with the closest note. that is tune the receiver to a reference crystal - and find xtals that match the note. i believe i was able to get xtals within 100 Hz of each other using this technique - good enough for a 500 Hz filter. again the key is the alligator clips allowing rapid change of xtals so you can compare the notes. i do not play violin and i was able to use this technique. i suspect if you tune your rig for CW you too can do this. so if you don't have a counter - use your ears as we each have a wonderfully designed built-in DSP (well maybe an ASP).

Curt WB8YYY

-----  
Do You Yahoo!?  
Get email at your own domain with Yahoo! Mail.  
<http://personal.mail.yahoo.com/>

-----  
Date: Mon, 26 Mar 2001 09:21:30 -0500  
From: "Bob Duckworth" <wb4mnf@atl.org>  
To: <schoon@amgt.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [94978] Re: Homebrewing Cases??  
Message-ID: <200103261419.JAA05050@hat-trick>

Don't overlook galvanized from HVAC shops. It's cheap, it takes paint if cleaned well, and they can cur and bend it for you. Good for chassis too and can be soldered...

-bob  
wb4mnf

|  
| I'm looking for information on making my own cases out of aluminum. I  
| already have a decent bending brake, and other sundry hand tools to make  
| cases. My question is, what kind of aluminum should I use?? Type,  
| thickness, etc. How about painting?? I've made cases out of PC material,

| and that's OK for some things but small aluminum cases are expensive  
| premade! Any ideas would be greatly appreciated!  
|

-----  
Date: Mon, 26 Mar 2001 09:25:23 -0500  
From: "Joe Trombino" <w2kj@earthlink.net>  
To: <QRP-L@LEHIGH.EDU>  
Subject: [94979] F.S. Z11 tuner and MFJ coax switch  
Message-ID: <00ea01c0b600\$9a0a5ec0\$5553fc9e@earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Howdy gang:

Just finished building up the auto tuners for the K1 and K2  
so my LDG Z11 tuner is no longer needed.

The Z11 was built from a kit by me and is in like new  
condition and works great. There isn't a scratch or mark on  
it. \$130 plus shipping.

Also excess to my needs is an MFJ-1704 4-position coaxial  
antenna switch which is also in like-new condition , \$40  
plus shipping.

73, Joe W2KJ (North Carolina)

-----  
Date: Mon, 26 Mar 2001 09:37:31 -0500  
From: "Bob Duckworth" <wb4mnf@atl.org>  
To: <DYARNES@aol.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [94980] Re: Symbolic QRPp  
Message-ID: <200103261435.JAA05077@hat-trick>

QRO is handy when working that DX station who is using marginal RX.  
Sure, you can hear his 5W but he'll never hear yours. It's also good for  
the guys who are stuck with a 'miniaturized' HF antenna. Makes up the  
-18dbi gain of some of these things :-) There is a big difference in 5W  
to a 3ele yagi at 140' on 40m and 5W to a 1/10th scale antenna in the

attic on the same band.

-bob  
wb4mnf

| Hmmm! Interesting metaphor Bill. Which leads me to think of QRO as  
being  
| somewhat comparable to those "younger folk" who pull up next to you at a  
| stoplight, with their car window rolled down, and the bass from their  
stereos  
| absolutely shaking the street signs!  
|  
| Dave W7AQK

-----  
Date: Mon, 26 Mar 2001 09:49:48 -0500  
From: "NZ8J" <timcook@erinet.com>  
To: <grp-1@Lehigh.EDU>  
Subject: [94981] FS: Lectrokit Spider QRP rig , mic's and other stuff  
Message-ID: <00c201c0b604\$021f3d20\$6122fea9@nec>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

For Sale:

Electrovoice Model 638 Desk Mic very good condition with an 8 pin plug \$ 67

Ten Tec Model 705 Desk Mic very good condition \$57

D-104 amplified Mic Good condition \$37

MFJ Super Logrithmic Speech Processor Model LSP-520 BX II Exc condition, it  
is in a woodgrain Ten Tec enclosure, has 4 pin and 1/4" phone jack mic  
inputs, original box, paperwork \$37

MFJ Model 1272 BX TNC/Mic switch very good condition (8 Pin connector) with  
manual, (they have been the basis for a PSK-31 intrerface also) \$27

MFJ Model 1272 MYV TNC/Mic switch very good condition (modular connector)  
with manual, (they have been the basis for a PSK-31 intrerface also) \$27

LectroKit 40M QRP SP-1 Spider Transceiver, works, with paperwork (If I can  
find it)

<http://www.sanduskyohio.com/lectrokit/> ) uses FT-243 xtals, not supplied.  
\$29

Military Air Cooled dummy load good up to 1GHZ +, will handle 100 watts continuous model DA-437/GRC-103(V) 3" x 3" x 4" with adapter cable to PL-259, as new, \$27

Multronics Roller Inductor model 229-201-1 10uh used in good condition( <http://www.cardwellcondenser.com/PAGES/md04g.html> ) \$17

All prices include shipping in the conus . Please email for more info if needed

thanks  
Tim NZ8J

-----  
Date: Mon, 26 Mar 2001 10:07:40 -0500  
From: "Mike Yetsko" <myetsko@insydesw.com>  
To: <wb4mnf@atl.org>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [94982] Re: Symbolic QRPP  
Message-ID: <001b01c0b606\$82df38a0\$6101a8c0@INSYDENT>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Or to work the guy with the 'resistor' antenna....

Mike

> QRO is handy when working that DX station who is using marginal RX.  
> Sure, you can hear his 5W but he'll never hear yours. It's also good for  
> the guys who are stuck with a 'miniaturized' HF antenna. Makes up the  
> -18dbi gain of some of these things :-) There is a big difference in  
> 5W  
> to a 3ele yagi at 140' on 40m and 5W to a 1/10th scale antenna in the  
> attic on the same band.

>  
> -bob  
> wb4mnf

-----  
Date: Mon, 26 Mar 2001 08:24:52 -0700  
From: "Rod Cerkoney" <n0rc@hotmail.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [94983] NJQRP HB Sprint scoring question  
Message-ID: <0E628k69RKLpgTFur2i0000587b@hotmail.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Folks,

About tallying SPCs:

Consider this simple log example:

0000 14060 W1XYZ 5nn 5nn ME 5w  
0001 14060 W2ABC 5nn 5nn NY 5w  
0002 14060 W3LMN 5nn 5nn PA 5w

0100 7040 W1XY 5nn 5nn ME 5w  
0201 7040 W2ABC 5nn 5nn NY 5w  
0302 7040 W3LM 5nn 5nn PA 5w

Does this count for 6, 5 or 3 SPCs?

73, Rod N0RC  
Ft Collins CO

-----  
Date: Mon, 26 Mar 2001 08:33:48 -0700  
From: "Rod Cerkoney" <n0rc@hotmail.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [94984] Contest Logging, one more time, with a twist  
Message-ID: <0E39Yx3G5aYY61LEdyt0000527a@hotmail.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Folks,

I'm looking for a GOOD \_AFTER THE FACT\_ logging solution.

I'll probably never use computer automation during the event. Don't want to, don't care to, don't talk to me about trying something...etc. I'm old fashioned about this, and not that serious about contesting... so there! ;-)

But I would like a nifty way to tally up the score afterwards. I've done it in spreadsheets in the past but it does get tiresome. Anybody have a good "after the 'test" tool/solution?

73, Rod NØRC  
Ft Collins CO

-----  
Date: Mon, 26 Mar 2001 08:45:01 -0700  
From: "Rod Cerkoney" <n0rc@hotmail.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>, <elecraft@qth.net>, "Flying Pigs" <fpqrp-1@mpna.com>, "ncarc-1" <ncarc@qth.net>  
Subject: [94985] Contesting Tip  
Message-ID: <OE37Px33E1ioWwr2UAa000052e1@hotmail.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Folks,

I was disappointed by the lack of 10m and 15m contacts in the last night's NJQRP HB Sprint. Why? Because given the band conditions I was expecting more stations to be on 10 and 15.

About 30min. before the contest I listened to the NCDXF propagation beacons on 10, 15 and 20m. I could easily copy the beacons from NY, CA, HI, CAN and South America.

Detailed info about the beacons can be found at:

<http://www.ncdxf.org/beacon.htm>

Briefly, the beacons send their call sign and a long dash at, 100 watts, 10 watts, 1 watt and 0.1 watts. If you can hear them at all power levels the band should/could be used to support good communication.

So, next contest monitor those beacons before hand, if conditions

warrant give the upper bands a try. I'll be there looking for you!

73, Rod N0RC  
Ft Collins CO

-----  
Date: Mon, 26 Mar 2001 09:06:11 -0700  
From: "Francis Callahan" <colcal@srv.net>  
To: <QRP-L@Lehigh.edu>  
Subject: [94986] F/S IC 735/QRP+  
Message-ID: <000f01c0b60e\$ae9a0260\$38de070c@callahan>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I have for sale a Icom 735 with electronic keyer installed pwr cord manual original box \$500.00 and a QRP+ revision 3 with mike and manual and original box \$460 shipped priority mail Cal KF7ET 208 357 7431 or ddirect email Thank you 72 Cal

-----  
Date: Mon, 26 Mar 2001 10:06:25 -0600  
From: "Richard Matthews" <prm@hiwaay.net>  
To: <qrp-l@lehigh.edu>, <FT817@yahoogroups.com>, <ft-817@yahoogroups.com>, <warble\_on@yahoogroups.com>  
Subject: [94987] OP:marine mobile QRP  
Message-ID: <00f001c0b60e\$b6b9ef50\$fb06b99d@huntsville.sparta.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

QRP operation is a life choice I think, so I apply the choice to my other hobbies also . . like boating <http://home.hiwaay.net/~prm/MARINEMOBILE.jpg>. Next weekend I plan to rig my QRP sailboat (minus the polytarp sail and boom) with a 10 meter dipole and my FT-817 and do some marine mobile work from the placid waters of Guntersville Lake. I might even run the WA4NWW PSK 31 milliwatt beacon from the mini-yacht.

The QRP boat is a Phil Bolger designed "Nymph" that I built about a year ago. It is 8 feet long and of plywood/epoxy construction. The mast is 14 feet, so with a small sternsprit extension, it is just right for hanging a 10 meter 1/2 wave dipole sloper.

Yep, I'm having too much fun.

73,

Richard, WA4NWW/MM

-----  
Date: Mon, 26 Mar 2001 11:45:48 -0500  
From: "Bob Duckworth" <wb4mnf@atl.org>  
To: <tdufres@hotmail.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [94988] Re: Questions about Homebrew  
Message-ID: <200103261643.LAA05236@hat-trick>

Nominal means, having to do with name or naming

Nominal value means "named" value.

As in you have to call it something.  
Typically it's the design value and there is some slop  
allowed. Inspection of circuit, designers notes, similar  
circuits, etc. will give you a better pix of how much 'slop'  
is allowed.

i.e. the nominal DC voltage input for my AC inverter is  
48.

Further reading of the manual gives tha allowable range as 36VDC to 54VDC.

-bob

-----  
| From: Tom Dufresne <tdufres@hotmail.com>  
| To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
| Subject: Questions about Homebrew  
| Date: Thursday, March 22, 2001 3:01 PM  
|  
| Couple of questions about some older QRP homebrew projects. What does it  
| mean when they ask for a "238pF nominal" variable cap-does it means at  
| the  
| lowest, it should be 238pF?  
| Also, what is a FL1? Is it some kind of shorthand for a filter?  
| Looked in ARRL manual with no help for above questions....  
| Is a center tap always 1/2 the value of the transformer? If I am building  
| a  
| transformer for a small tube powered rig, I need 250 volts DC. Do I need



to  
| look for a transformer with 500+ volts output?  
| Sorry for stupid questions...  
| Tom  
|  
| -----  
| Get your FREE download of MSN Explorer at <http://explorer.msn.com>  
|

-----  
Date: Mon, 26 Mar 2001 08:54:54 -0800  
From: "Doug Hendricks" <ki6ds@dph.dpol.net>  
To: <qrp-1@lehigh.edu>  
Subject: [94989] Looking For Rex Harper's Email Address  
Message-ID: <01c0b615\$7bd1f660\$330b0d0a@doug.dph.dpol.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Does anyone have a current email address for Rex Harper, W1REX? I would like to contact him and have lost his email address. Thanks, Doug, KI6DS

-----  
Date: Mon, 26 Mar 2001 12:01:13 -0500  
From: John Wagner <john@neknetwork.com>  
To: n0rc@hotmail.com, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [94990] Re: Contesting Tip  
Message-ID: <3ABF75D9.72636D7A@neknetwork.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I'm with you on that Rod. I listened to 10 and 15 when I got on ('bout 8pm EST) and heard a few QSO's, but no 'test stations. Tuning to 20m I heard a bunch of stations so I stayed there and worked all I could before going to 40m.

I suppose I could have stayed on 10m and 15m and called CQ TEST, but since it didn't sound like anyone was there for the contest I found the most productive band to spend the hour I had.

Chicken and egg theory I guess. 73,

John, KB1ENS

Rod Cerkoney wrote:

>  
> Folks,  
>  
> I was disappointed by the lack of 10m and 15m contacts in the last  
> night's NJQRP HB Sprint. Why? Because given the band conditions I was  
> expecting more stations to be on 10 and 15.  
>  
> About 30min. before the contest I listened to the NCDXF propagation  
> beacons on 10, 15 and 20m. I could easily copy the beacons from NY,  
> CA, HI, CAN and South America.  
>  
> Detailed info about the beacons can be found at:  
>  
> <http://www.ncdxf.org/beacon.htm>  
>  
> Briefly, the beacons send their call sign and a long dash at, 100  
> watts. 10 watts, 1 watt and 0.1 watts. If you can hear them at all  
> power levels the band should/could be used to support good  
> communication.  
>  
> So, next contest monitor those beacons before hand, if conditions  
> warrant give the upper bands a try. I'll be there looking for you!  
>  
> 73, Rod NØRC  
> Ft Collins CO

--

John Wagner - [john@neknetwork.com](mailto:john@neknetwork.com)  
Web page: <http://www.neknetwork.com>

-----  
Date: Mon, 26 Mar 2001 08:59:52 -0800 (PST)  
From: Curt Milton <[wb8yyy@yahoo.com](mailto:wb8yyy@yahoo.com)>  
To: Low Power Amateur Radio Discussion <[qrp-1@Lehigh.EDU](mailto:qrp-1@Lehigh.EDU)>  
Subject: [94991] Re: marker generator definition  
Message-ID: <20010326165952.31123.qmail@web9609.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

Sometimes there may be a reason for a marker in a simple QRP type rig with a VFO to stay within the boundaries of the operators license class. an effective solution, used in the ugly weekender's receiver is to incorporate simple xtal oscillator that can be used to mark this boundary (for example an xtal near 7001 kHz for an extra, 7026 for advanced/gen,

etc.) by throwing a switch to turn on this oscillator, a frequency marker can be provided.

Curt WB8YYY

--- Don Wilhelm <w3fpr@arrl.net> wrote:

> Patrick,

>

> A marker generator is an oscillator (usually crystal controlled) that

> 'marks' a frequency.

> Now, there can be several expansions of that concept

> - say you have an

> oscillator at 100 kHz, and make its output very rich

> in harmonics - then

> there will be a 'marker' every 100 kHz throughout

> the RF spectrum.

>

> Connect that marker generator to the antenna input

> of a receiver, and you

> can obtain calibration points on the receiver dial.

>

> Marker generators were very useful back in the days

> of general coverage

> receivers having a "Bandset" dial and a "Bandspread"

> dial - the bandspread

> dial usually had calibration marks for the ham

> bands, BUT in order for the

> calibration marks to reflect reality, the bandset

> dial had to be set to the

> correct point - the marker generator was often used

> to determine what that

> correct point actually was.

>

> With the advent of stable receivers with digital

> frequency readout, the need

> for marker generators has decreased significantly.

>

> 73,

> Don Wilhelm -Chapel Hill, NC W3FPR home page:

> <http://www.w3fpr.webprovider.com>

> QRP-L # 485 K2 SN 0020 mailto: w3fpr@arrl.net

>

> ----- Original Message -----

> From: "Patrick McVey" <mcveyp.MOHAVE@narbha.com>

>

> > Question:

> > What does a marker generator do? How would this be

> used to test or operate

> a 40m qrp xcvr?  
>  
>

-----  
Do You Yahoo!?  
Get email at your own domain with Yahoo! Mail.  
<http://personal.mail.yahoo.com/>  
-----

Date: Mon, 26 Mar 2001 11:11:13 -0600 (CST)  
From: ac5ez@webtv.net (Larry)  
To: qrp-1@lehigh.edu  
Subject: [94992] Qrp 80m Frequences  
Message-ID: <14347-3ABF7831-3932@storefull-118.iap.bryant.webtv.net>  
Content-Disposition: Inline  
Content-Type: Text/Plain; Charset=US-ASCII  
Content-Transfer-Encoding: 7Bit  
MIME-Version: 1.0 (WebTV)

What are the popular qrp frequencies on 80m ? I know there are some qrp  
nets that meet down there also but dont know where. Building a 80m  
dipole and want to get it resonate in the right spot.  
Thanks

K1zw  
Larry  
Qcwa

-----  
Date: Mon, 26 Mar 2001 12:12:58 -0500  
From: "AI2Q Alex" <ai2q@adelphia.net>  
To: <ki6ds@dph.dpol.net>, "'Low Power Amateur Radio Discussion'" <qrp-  
1@Lehigh.EDU>  
Subject: [94993] RE: Looking For Rex Harper's Email Address  
Message-ID: <000301c0b618\$019cd6a0\$df0cf618@alex>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi Doug:

The last address saved in my contacts list is: <rex@ime.net>

Vy 73, AI2Q, Alex in Kennebunk, Maine QRP-L 687 .-.-.

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of Doug Hendricks  
Sent: Monday, March 26, 2001 11:55 AM  
To: Low Power Amateur Radio Discussion  
Subject: Looking For Rex Harper's Email Address

Does anyone have a current email address for Rex Harper, W1REX? I would like to contact him and have lost his email address. Thanks, Doug, KI6DS

-----

Date: Mon, 26 Mar 2001 12:23:35 -0500  
From: John Wagner <john@neknetwork.com>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [94994] HB: 602 - orders shipped  
Message-ID: <3ABF7B17.93756721@neknetwork.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

If you ordered 602's in the group buy and didn't get an email from me saying that your payment had not yet been received, then your 602's shipped to you via USPS this morning.

Please let me know if you haven't received your order by next Monday, 4/2/2001.

Thanks es 73,

John, KB1ENS

--

John Wagner - john@neknetwork.com  
Web page: <http://www.neknetwork.com>

-----

Date: Mon, 26 Mar 2001 12:45:05 -0400  
From: ed.kwik@delphiauto.com  
To: qrp-l@Lehigh.EDU

Subject: [94995] Michigan QRP Net  
Message-ID: <05256A1B.005C5FC7.00@uskokg99.delcoelect.com>  
Mime-Version: 1.0  
Content-type: text/plain; charset=us-ascii  
Content-Disposition: inline

Last week we had eight check ins:

WB8RCR	JOHN	MIDLAND	OH
W8YMO	HARRY	CLEVELAND	OH
W8UCB	BOB	NILES	MI
K8KFJ	GARY	CHARLESTON	WV
WA9YDJ	VANCE	LIBERTYVILLE	IL
K8NWD	TIM	WATERFORD	MI
WE4IC	BOB	GREENSBORO	NC
WA8BXN	MIKE	KIRTLAND	OH

Not bad since there was some sort of solar thingie going on at the time. I had a bad case of jet lag going so the fist was a lil shaky.

The Michigan QRP net meets Tuesday night at 9:00 PM Eastern time on 3.535 MHz.  
NCS is AB8DF.

Ed AB8DF

-----  
Date: Mon, 26 Mar 2001 10:02:12 -0800  
From: Jeff Stai WK6I <jstai@home.com>  
To: Rod Cerkoney <n0rc@hotmail.com>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>, elecraft@qth.net  
Subject: [94996] Re: [Elecraft] Contesting Tip  
Message-ID: <3ABF8424.41DC868C@home.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Rod Cerkoney wrote:

>  
> Folks,  
>  
> I was disappointed by the lack of 10m and 15m contacts in the last  
> night's NJQRP HB Sprint. Why? Because given the band conditions I was  
> expecting more stations to be on 10 and 15.

hi Rod - I dunno how much this had to do with it, but in my case, I had just finished 48 hours of the WPX contest. And even though a little CW sounded like "just the thing" after 48 hours of shouted phonetics ;-), I just couldn't do that to the family. And, I was fried.

So even though the HB sprint was something I wanted to do, there was just no way. (I can't help but notice that the contest calendar is totally empty for this upcoming weekend. oh well...)

And with a call like mine, you gotta do the WPX....! 73 - jeff wk6i

--

jeff stai

radio stuff: WK6I in DM13

rocket stuff: NAR #21059 TRA #3356 Level 2 Cert.

email: jstai@home.com or wk6i@arrl.net

ROC web page: <http://www.rocstock.org/>

LDRS web page: <http://www.ldr20.org/>

-----  
Date: Mon, 26 Mar 2001 13:06:46 -0500  
From: "John Pate" <lighthousedx@hotmail.com>  
To: qrp-l@Lehigh.edu  
Subject: [94997] FS/Trade: MFJ9406  
Message-ID: <F137TMTS5X0xuK2qoj800005b69@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

I have a MFJ 9406 six meter SSB radio with the CW adapter, the MFJ headphone jack accessory and the MFJ power supply. I would like 170.00 shipped or will trade for a qrp CW rig. All manuals and paperwork is included. Thanks and 73's to all

John Pate  
KB4UTV  
Amateur Radio Lighthouse Society #182  
10-X #72341

-----  
Get your FREE download of MSN Explorer at <http://explorer.msn.com>

-----  
Date: Mon, 26 Mar 2001 13:22:59 -0500  
From: "William B. Keane" <bkeane@mail1.nai.net>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [94998] QRP-NE Meeting  
Message-ID: <3ABF8903.A5A55192@ct1.nai.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Is there a QRP Club New England meeting coming up soon?

Bill n1nik CT

-----  
Date: Mon, 26 Mar 2001 11:53:47 -0700  
From: Brian Kassel <bkassel@dancris.com>  
To: QRP-L <QRP-L@lehigh.edu>, azqrp <azqrp@extremezone.com>  
Subject: [94999] Contest: Spring Homebrew Sprint - K7RE  
Message-ID: <3ABF903B.F705DDF@dancris.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Contest: Spring QRP Homebrewer Sprint

Category:\_\_4 (Homebrew Transceiver- K-2)\_\_\_ Mode:\_\_CW Only Power: 5 W

Callsign of Operator: K7RE

Exchanged Information: K7RE RST AZ 5W

Hours of Operation:\_\_\_4\_\_\_ Hours.

Band	QSOs	Points	Mult's
160	0	0	0
80	0	0	0
40	27	27	19
20	64	64	33
15	9	9	8
10	0	0	0
6	0	0	0
2	0	0	0
Totals	100	100	60

Total Score: 168,000 Points

Comments: What a blast. Band conditions were really excellant.



I wish that I had entered into the 1W class, as there were plenty of nice strong under-5W stations worked. High points were being called by RA3ID, DL1CC, and KH6U. If I had more time, I would have tried PSK-31 as well, but a week full of my wife's Spring Break Honey DO's made this old body somewhat less contest compliant than usual. Thanks to Ken and the fine folks at the NJ club for putting on this very fine event.

-----  
Date: Mon, 26 Mar 2001 18:54:36  
From: "Brad Hernlem" <alihernlem@hotmail.com>  
To: qrp-l@lehigh.edu  
Subject: [95000] Some Regen Pics  
Message-ID: <F168qoMIOGCvqQ7SzE20000fb3c@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

I finally took some photos of some of the homebrew stuff in my "junktorium". Below is a link to a page containing some shots of two of my regenerative receivers (and other stuff). One receiver is a FET solid state receiver crudely based on the design in the 1996 ARRL Handbook. The second receiver is an experimental vacuum tube receiver with the particular features that it uses a 6F7 and 41 tube, has a shielded tuning coil, utilized bandspread coil tapping, and has an almost flat regeneration control point across the entire 40 meter band.

<http://www.geocities.com/alibhernlem/Radio/regens.html>

Brad

-----  
Get your FREE download of MSN Explorer at <http://explorer.msn.com>

-----  
Date: Mon, 26 Mar 2001 11:19:15 -0700  
From: "Patrick McVey" <mcveyp.MOHAVE@narbha.com>  
To: <qrp-l@lehigh.edu>  
Subject: [95001] Golf cart mobile / PW-1 antenna  
Message-ID: <sabf2e09.008@mail.narbha.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=US-ASCII  
Content-Transfer-Encoding: quoted-printable  
Content-Disposition: inline

The PW-1. I know this as Vern Wright's W6MMA antenna, but what is it? Can = something similar be home built?

QRP Golf: Did you find that your signal improved during the backswing. The =  
2 iron has a lower SWR than the sand wedge. Any chance you could attach a =  
random length end feed to a Titleist and launch it during the contact?

Patrick KC7AIR  
Kingman, Arizona

-----  
Date: Mon, 26 Mar 2001 11:21:48 -0800  
From: Eric Swartz WA6HHQ - Elecraft <eric@elecraft.com>  
To: Elecraft mail list <elecraft@qth.net>, QRP-L <qrp-l@lehigh.edu>, GQRP  
<gqrp@egroups.com>  
Subject: [95002] New Elecraft K1 QSK Application Note  
Message-ID: <3ABF96CC.7376CC53@elecraft.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

We have just added a K1 application note titled: 'K1 QSK Improvement in High QRM  
Situations' to our Application Note section on the Builders Resource page at:  
<http://www.elecraft.com>

73, Eric WA6HHQ

-----  
Date: Mon, 26 Mar 2001 12:38:21 -0700  
From: William R Colbert <w5xe@juno.com>  
To: ac5ez@webtv.net, qrp-l@lehigh.edu  
Subject: [95003] Re: Qrp 80m Frequences  
Message-ID: <20010326.123822.-577365.0.w5xe@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

Larry, there used to be a 3560 freq but it has been long time  
since I have heard a net there altho I believe that perhaps the  
NE qrp group may be using 3561. GSN used to be on 3560  
but nothing heard from that group in a long time. The Michigan  
QRP group is on 3535 on Tuesday nites - 7 pm local there  
(I think) . The colour burst qrp cw freq that used to be active  
on 3579 is no longer due to the digi stuff. The glowbug/BA  
crowd uses 3547+/- with qro and some qrp types there too.  
3710 is a good area to listen as is 3686.4 - hear a number  
of qrp fellows around those freqs.  
Hope that helps.

73

Ray

"Politicians are like nappies. Both should be changed regularly -- and for the same reason"

"Scotsman - Scotsman's Diary 12/97"

Ray Colbert, W5XE, 00TC#3618, SOWP#1064M SOC#78 fp #111  
NCT2 El Paso, (FAR WEST) TEXAS

---

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<http://dl.www.juno.com/get/tagj>.

-----

Date: Mon, 26 Mar 2001 11:50:13 -0800

From: Eric Swartz WA6HHQ - Elecraft <eric@elecraft.com>

To: tailfeathers@juno.com

Cc: QRP-L <qrp-l@lehigh.edu>

Subject: [95004] Re: Starting my K1 tomorrow!

Message-ID: <3ABF9D75.F596E425@elecraft.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Hi Gary,

The Elecraft Builder's Resource page at <http://www.elecraft.com> will have our mods and alerts issued since you bought your K1. Also check the archives of the Elecraft email list. They are available via the email list link on our main page. With over 1100 members on the list there is always something interesting regarding mods etc.

73, Eric WA6HHQ

You wrote on QRP-L:

Hello guys! I have had my K1 kit for a few months and I think it's time. Is there a K1 hints and kinks anywhere with any corrections in the manual or any part or board corrections?

Gary

n8gsj

--

-----

Date: Mon, 26 Mar 2001 14:50:08 -0500  
From: Bill Coleman <aa4lr@arrl.net>  
To: <jamesd1@flash.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [95005] Re: "Optimum" Buried Radial Length (long)  
Message-ID: <1010226145007.0AA10658@gate.iterated.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="iso-8859-1"  
Content-transfer-encoding: quoted-printable

On 3/25/01 1:52 PM, James R. Duffey at jamesd1@flash.net wrote:

>Here is my suggestion for the "optimum" number and length of radials to use  
e  
>for a ground mounted vertical. To use the chart, determine how much wire you  
ou  
>have for radials, or how much wire you can afford to buy. Then the chart  
>will tell you how many pieces of what length to cut the wire into. The chart  
rt  
>is for 20 M, but it can be easily scaled for other bands. Multiply the  
>length columns by the ratio of the frequency you are calculating for to  
>20=A0M. So to adjust these numbers to 40 M multiply by 2.

>  
>For 20 M (66 ft wavelength) suggest the following:

>wire length	number	Length	Comments
> 66 ft	17	3.9 ft	
> 100 ft	21	4.8 ft	
> 200 ft	30	6.7 ft	
> 343 ft	40	8.5 ft	1/8 wave radials
> 500 ft	48	10.4 ft	
> 700 ft	57	12.2 ft	
> 830 ft	62	13.2 ft	0.2 wavelength case
>1000 ft	68	14.7 ft	
>1296 ft	78	16.5 ft	quarter wave length radials
>2000 ft	97	20.6 ft	
>3318 ft	125	26.4 ft	"reference" 0.4 wavelength radials
>4000 ft	127	29.0 ft	

I don't know how you arrived at the numbers for this chart.

According to W8JI: "The optimum number of radials for any radial length occurs when the open end of the radials is .025 to .05 wl apart."

Also, "The point of diminishing returns for radial length is when the radials are about .2 wl long on the lowest band you are interested in."

So, if you run a computation, you'll find that for a .2 wl radial length, you have a .4pi wl circumference, which you then divide by .025 or .05 to get 25-50 radials.

So, if you use .2 wavelength radials, there's not really a good reason to have 62 of them.

You get little benefit from radials substantially shorter than .2 wl, and there's little reason to go beyond .25 wl.

Me? For my shunt fed tower, I plan 48 .22 wl radials.

Bill Coleman, AA4LR, PP-ASEL            Mail: aa4lr@arrl.net  
Quote: "Not within a thousand years will man ever fly!"  
      -- Wilbur Wright, 1901

-----  
Date: Mon, 26 Mar 2001 15:10:33 -0500  
From: "Joe Trombino" <w2kj@earthlink.net>  
To: <QRP-L@LEHIGH.EDU>  
Subject: [95006] LDG Z11 tuner  
Message-ID: <004b01c0b630\$d1031720\$10d9b23f@earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Gang:

The LDG Z11 tuner I posted for sale earlier has been spoken for.

I will keep a back-up list of the other folks who wanted it if for some reason the deal doesn't go through.

Thank y'all for your interest.

73, Joe W2KJ

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Date: Mon, 26 Mar 2001 15:16:43 -0500  
From: "Mark S. Adams, P.E." <msadams@acsu.buffalo.edu>  
To: qrp-l@Lehigh.EDU  
Subject: [95007] Re: Contesting Tip  
Message-ID: <2072292316.985619803@oes-madams.facilities.buffalo.edu>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Disposition: inline

Hi Gang,

I too tried 15 and 10M with no takers. I then looked at the contest rules and they specifically state that the "recommended" bands were 80/40/20. I suspect that kept guys/gals off 15/10. Maybe they figured that they had to cluster people up because there would not be much activity on the whole. Boy, would that have been a wrong assumption! I was running stations for over an hour with 900mW.

I don't have my logs with me, but it was something like 1.4 hours operation, 35 Q's on 40M, 4 on 20M. Equipment was a Sierra at 900mW, a full wave loop sized for 40M fed with ladder line, a WM-2 and an MFJ 941E. I tried to start off at 200mW, but action was just too slow for my tastes.

CUL,  
Mark K2Q0

Mark S. Adams, P.E.  
ARS: K2Q0  
Clarence, NY

-----  
Date: Mon, 26 Mar 2001 13:16:15 -0700  
From: "Floyd Smithberg" <flydnq7x@primenet.com>  
To: "QRP-L Message" <qrp-l@Lehigh.edu>  
Subject: [95008] WPX SSB  
Message-ID: <006601c0b631\$b6b14ee0\$941ad440@floyd>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Category: SO/QRP/TS(triband and 40m-one feed line)  
Equip: TS850S 5W, 486 TP & TR657, Triband+40M.  
Op time: 14 hrs

Band	QSOs	Points	Prefixes
40ssb	6	30	1

20ssb	52	127	42
15ssb	78	197	60
10ssb	87	221	65

-----

	223	575	168
--	-----	-----	-----

Score = 96,600

59 unique countries (no new ones), heard A61AJ but  
couldn't break him but worked many other exotics.

73 Floyd NQ7X Phoenix,AZ ScQRPion DM33uq

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Date: Mon, 26 Mar 2001 15:19:46 -0500  
 From: "Joe Trombino" <w2kj@earthlink.net>  
 To: <QRP-L@LEHIGH.EDU>  
 Subject: [95009] MFJ coax antenna switch  
 Message-ID: <007601c0b632\$1a958340\$10d9b23f@earthlink.net>  
 MIME-Version: 1.0  
 Content-Type: text/plain;  
     charset="iso-8859-1"  
 Content-Transfer-Encoding: 7bit

Gang:

The MFJ 4 position antenna switch I posted for sale earlier  
has been spoken for.

73, Joe W2KJ

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Date: Mon, 26 Mar 01 20:52:04 +0400  
 From: Oleg Borodin <Oleg.Borodin@p11.f35.n5036.z2.fidonet.org>  
 To: qrp-l@lehigh.edu  
 Subject: [95010] wanted any firms  
 Message-ID: <985643650@p11.f35.n5036.z2.ftn>

Dears!

Does anybody knew the E-addresses of any Companies/Firms those sale (by  
post-mail also) amateur-radio kits of devices in whole World?

Let me know, please, to: \_vector72@lipetsk.ru\_

The best wishes for All You where!

p.s. the Micro-80 tcvr kits are available here yet!

eng. Oleg V. Borodin 26 p 2001 21:41 msk

... God keep & bless you...

-----  
Date: Mon, 26 Mar 2001 16:36:36 -0500  
From: Ken Newman <N2CQ@citnet.com>  
To: qrp-l@lehigh.edu  
Subject: [95011] Re: NJQRP HB Sprint scoring question  
Message-ID: <3.0.6.32.20010326163636.00846570@mail.citnet.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Hi Ron,  
That would give you 6 SPC's, just like QRPARCI tests are scored.  
Thanks for the QSO as WQ2RP!

72 de  
Ken Newman - N2CQ                   == QRP CONTEST CALENDAR ==  
Woodbury, NJ                   <http://www.njqrp.org/data/contesting.html>  
N2CQ@ARRL.NET

-----  
Date: Mon, 26 Mar 2001 15:39:13 -0600  
From: "Jim" <sunwatt@starband.net>  
To: "QRP-L" <qrp-L@Lehigh.edu>, <qrpp@yahoogroups.com>  
Subject: [95012] Milliwatt DXCC quest #73 is here  
Message-ID: <000f01c0b63d\$4c4c4120\$9a354794@computer>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

A little over a year ago I had a QSO with 9Y4VU on 10 meters. I was running 700mW, with my K2, WM-2, and 10-12-15M quad.

I started working on mW DXCC in Jaunary 1999 and my QSL card "in hand" count stands at the magic number 73 with 9Y4VU, Trinidad.

If you have time, take a look at my new webpage. All 73 DX stns are listed, dates, band, and my power.

At the end of this month I must clear my old webpage from my ISP. So I found this free webhost and I'm in the process of moving it all there. Let me know if you have any problems please.



Have fun!

de Jim KJ5TF  
"All Milliwatts, All The Time"  
<http://sunwatt.homestead.com/mwdx.html>

-----  
Date: Mon, 26 Mar 2001 14:06:15 -0800  
From: <schoon@amgt.com>  
To: <qrp-1@Lehigh.EDU>  
Subject: [95013] OT: Learning DSP  
Message-ID: <c=US%a=\_%p=American\_Geotech%l=AG-CALCITE-BDC-010326220615Z-54@ag-basalt-pxy.amgt.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

Thanks for reading!!

My latest foray into hamdom is learning DSP. In general terms in the RF arena for IF and audio areas. I started collecting and reading various articles, etc but am still confused on a good DSP evaluation system to learn on. Anyone have any pointers or experiences they are willing to share?? FWIW, I do have a small background in assembly and C programming on Intel based CPUs. Where I can already tell I'm short in is the math - but is that a major requirement and will it hinder learning??

Thanks again & 72,

.mark

KA6WKE - <http://www.qsl.net/ka6wke>

-----BEGIN GEEK CODE BLOCK-----  
Version: 3.1  
GCS/E/IT/O d- s+ a C++++\$ L++++\$> P+++> L++ E--- W-- N+ o K- w-- !O  
M- !V PS+ PE+ Y+ PGP t+ !5 X R- tv b+++ DI+ D- G e++ h--- r+++ z++++  
-----END GEEK CODE BLOCK-----

Q: I'm having problems with my Windows software. Will you help me?

A: Yes. Go to a DOS prompt and type "format c:". The problems you are experiencing will cease within a few minutes. - RMS

use Disclaimer;  
my \$opinion\_only;

-----  
Date: Mon, 26 Mar 2001 17:09:27 EST  
From: Drbob92031@aol.com  
To: qrp-l@lehigh.edu  
Subject: [95014] Gound mounted Vert. question  
Message-ID: <45.428f1d7.27f11817@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

To all;

Antenna restrictions here so I finally made a 20/15/10 multi band ground mounted vertical that is portable (read removable) Now comes the question. Laying radials on the ground and their length. Been reading and getting educated and some confusion.  
If the radials are laid on the ground do they have to be any specific length or can all the radials for 20/15/10 be cut to  $0.5\lambda$  for 20M and then lay them on the ground.  
The radials and the antenna have to be removed and stored after each operating session.  
All of life is a compromise so some degree.  
I am aware that the more radials the better and that they should not be too close to each other. How far apart?  
So I have 2 questions.  
1; Radial length for 20/15/10 .  
2; How far apart or how close can they lie to each other to be effective?  
Please keep any responses simple as I am not overly bright and retirement has dulled any brightness I may have had.  
tnx es 72/73 de WA2EAW..Bob

-----  
Date: Mon, 26 Mar 2001 17:16:32 EST  
From: K5BDZ@aol.com  
To: qrp-l@lehigh.edu  
Subject: [95015] Re: FS/FT: Famous HRO Dial  
Message-ID: <8a.4455caa.27f119c0@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

The HRO Dial, famous and memorable, is spoken for.  
Thanks for all the interest  
Bill K5BDZ

-----  
Date: Mon, 26 Mar 2001 17:33:46 -0500  
From: neil <wa4chq@qsl.net>  
To: qrp-1@Lehigh.EDU  
Subject: [95016] Re: scratch-built SST-40 problem  
Message-ID: <3ABFC3CA.FC340DA5@qsl.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

GOT IT WORKING...BLOWN '602  
72 NEIL WA4CHQ

-----  
Date: Sun, 25 Mar 2001 22:34:40 -0700 (MST)  
From: moglesto@ecentral.com  
To: Bruce Muscolino <w6toy@erols.com>  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [95017] Re: X-ray machines...  
Message-ID: <Pine.LNX.4.10.10103252221160.1254-1000000@mugleston.mugs.net>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

I use to work at a place that did photo development. Had a customer come in with about 30 rolls of film he had shot in Europe. He kept them in order in the bottom of his suit case.

On development the negatives on the left side of his suit case were black and they went from that to light grey on the last roll of film. The only thing we could figure was some where along his flight home a scanner was out of wack and did an end shot of his suit case with an over dosage of radiation.

The units in the US may be regulated but checked baggage and overseas is in question.

de KI00T, Brad

On Sun, 25 Mar 2001, Bruce Muscolino wrote:

> Rich,

>  
> Most airport scanners will not hurt your film. Take it from a traveling  
> pro. I used to ask for hand inspection but eventually they told me they  
> wouldn't do that anymore. I had to take my chances! I have never had a  
> roll of film damaged in the last 30 years!  
>  
> 73  
>

-----  
Date: Mon, 26 Mar 2001 17:21:53 -0600  
From: "Stuart Rohre" <rohre@arlut.utexas.edu>  
To: <psdryer@ticnet.com>  
Cc: <qrp-1@Lehigh.EDU>  
Subject: [95018] airport xrays  
Message-ID: <008401c0b64b\$8aba9520\$4e100a0a@rohredt2000>

Phil,  
I have quite a bit of experience taking sensitive equipment and tapes thru  
these things. Once or twice, they are not going to hurt your rig.

However, x-rays can harm semiconductors and components over time, and this  
is why many Oscar satellites die. I would not do it to tapes, any  
computers, media, or rigs.  
You have the right to have any luggage hand inspected instead of x-rayed.  
Walk up to the booth and ask them to hand inspect whatever rig you are  
carrying.

Be sure and watch them, though. I once had a dumb inspector try to unwind  
9,200 feet of magnetic tape worth \$6 million dollars!

Anyway, if you sent the thing thru the X ray inside a bag, or carryon sack,  
it might invoke them asking you to open it up anyway. I save them the  
excitement, and also it is good to carry a copy of your FCC license "just in  
case" they want proof of what it is for.

72,  
Stuart K5KVH

-----  
Date: Mon, 26 Mar 2001 17:33:26 -0600  
From: "Kelly Ellison" <kelman@diadnet.net>

To: <qrp-1@lehigh.edu>  
Subject: [95019] WTB ZM-2/ sunspot fux number 264!  
Message-ID: <002601c0b64d\$293bdd20\$f3cae0d8@pavilion>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Still looking for a ZM-2 built. Would prefer one with SO-239 inputs instead of BNC connections.

Anyone notice the Sunspot flux numbers? 264!

Kelly Ellison - WB0WQS

-----  
Date: Mon, 26 Mar 2001 17:38:07 -0600  
From: "Stuart Rohre" <rohre@arlut.utexas.edu>  
To: <n4xy@att.net>  
Cc: <qrp-1@Lehigh.EDU>  
Subject: [95020] Defective airport scanners very common  
Message-ID: <008a01c0b64d\$cf955020\$4e100a0a@rohredt2000>

Ed,  
Sad to say, the airport equipment varies in upkeep and calibration over the country, if the magnetic portal detectors are a guide. That is why I have everything hand inspected, no use risking something on a trip you cannot replicate easily!

A project of Southwest Research back in the 60's, (what became the magnetic door frame you walk thru,) is a straightforward RF tune up device. However, I have seen them vary in performance from airport to airport as I changed planes going from HI to US mainland, or going from East Coast to West Coast or Central US. What does not set them off at home airport will set them off in DFW, or LAX. It is amazing, that they work at all, usually they are set way too sensitive for efficient screening of the crowds. Most of the testing of the skills of the check point persons finds that they miss as much as they catch.

Xray equipment can have a voltage regulator fail, and then you risk having unregulated higher voltage. I have known of films being fogged from this, and have them hand inspected as well as my electronics and media. X-rays units are kind of gutless wonders akin to Spark Transmitter technology! At SwRI, we had to test some power line insulators for harmful corona induced

frequency emissions. The best thing we could find to produce variable high voltage with lots of artifacts were X Ray machine transformers.

The inspectors are typically minimum wage, underpaid folks and not technically savvy; thus would not know if the unit was malfunctioning unless it went dark, or in the case of the portal detector, I think they now have a light on them, just to know it is still on. The FAA has been hard put to even train the inspectors to spot something inside a bag when the x-ray is "working", let alone have a periodic calibration check of their equipment.

72,  
Stuart K5KVH

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End of QRP-L Digest 2139

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